

# OUTLOOK

The University of Maryland College Park

October 17, 1988

## Speech and Hearing Clinic Turns 40

The University of Maryland Speech and Hearing Clinic is celebrating its 40th anniversary this year.

"In the past 40 years, the clinic has offered a broad variety of services to the public and has become one of the largest providers of speech, language and hearing services in the state of Maryland," says Dr. Gerald McCall, acting chair of the Department of Hearing and Speech Sciences.

Since detailed records were first kept for the Speech Clinic in 1972 and the Hearing Clinic in 1979, a total of 9,213 clients have been served by comprehensive diagnostic evaluation and therapy. In addition, an average of 1,015 clients per year have received speech-language and hearing screenings in a variety of on-campus settings, says McCall.

Susan Patrick, who supervises clinical services in Speech-Language Pathology, points out that the clinic's clients range from children and adults who suffer from stuttering to adults who have suffered strokes and are helped to regain speech and language skills. The clinic also helps those suffering from voice problems as a result of stress or overuse of the voice, and offers help in hearing aid fitting and orientation, as well as offering classes in lipreading.

An average of 50 clients per year receive speech-language diagnostic evaluations, and an average of 852 clients per year receive diagnostic and aural rehabilitation services in the Hearing Clinic. More than 600 clients have also been fitted with hearing aids since the program began in 1983.

Margaret McCabe, director of audiology services says that an average of 275 campus employees have received hearing screenings each year as part of the university's compliance with regulations established by the Occupational Safety and Health Administration (OSHA).

"The faculty, staff and alumni have a great deal to be proud of," says McCall, who adds that the clinic also provides a lab for clinical training and professional preparation of students in audiology and speech-language pathology.

The Hearing and Speech Clinic will be celebrating its 40th anniversary with open-house activities in May during Better Speech and Hearing Month. ■

—Lisa Gregory

## EDUCOM: National Conference to Focus on Academic Computing in the 1990s

The College Park campus is the host university for EDUCOM'88, a national conference on academic computing in higher education.

The October 25-28 conference, which has as its theme "Campaign for Excellence: Education, Government, Industry," will be held at the Washington Hilton & Towers. More than 2,000 educational innovators respected for their imaginative integration of high technology in research and instruction are expected to attend.

Glenn Ricart, director of the Computer Science Center at UMCP, says, "This year's conference has all the earmarks of an extraordinary program. The Call for Papers, the first ever for an EDUCOM conference, yielded nearly eight responses for every possible program slot."

UMCP's acting president William E. Kirwan will deliver the Oct. 26 welcoming address, "Academic Computing: The Challenges of the 1990s." Those challenges include access to and integration of technology and the management of technological change.

Erich Bloch, director of the National Science Foundation, is the EDUCOM keynote speaker. He will discuss "The Strategic Importance of Education for Competitiveness."

UMPC physics professor Edward F. Redish, the creator and principal investigator of M.U.P.E.T. — the Maryland University Project Physics and Educational Technology — will address the conference's general session Oct. 27. His topic is "Educational Improvement via Innovation — How the Microcomputer Can Change the Way We Teach."

H. Ross Perot, founder of Electronic Data Systems Corp., will deliver the luncheon address Oct. 27. His topic is public education. The conference's closing session will hear from Alan C. Kay, Apple Fellow with Apple Computer, Inc. His remarks are entitled, "The Best Way to Predict the Future is to Invent it."

On Wednesday afternoon Oct. 26, EDUCOM conferees will travel by buses to College Park for a series of "armchair" interactive video tours and walking tours of innovative UMCP computer programs and facilities at what Ricart calls the "best connected campus in the world."

Armchair tours include projects in the departments of meteorology and geography, the Technology Advancement Program, and the Computer Vision Laboratory, as well as overviews of computer applications from several of the University's other campuses.

## EDUCOM'88

Walking tours will focus on Library and Information Services, including a demonstration of the Music Library's Boesendorfer 290SE computerized recording and playback piano and a collaborative project between the Department of Non-Print Media and the National Agriculture Library to develop the Forest Service Photographs analog laser video disc containing 34,600 converted photographs.

Other walking tours include the College of Engineering and highlights of state-of-the-art CAD/CAM capabilities and use via interactive instructional television and an automated manufacturing demonstration of real-time fabrication of objects designed during the CAD lecture.

The campus Communication Services tour will include specific stops at STAMP — Student Automated Mail-forwarding Program, CADAS — Campus Automated Directory Assistance System, TIE — Telecommunications Inventory of Equipment System, SOS — Scheduling Order System, TMS — Telecommunications Financial Management System, and desktop publishing. ■

## John B. Slaughter Child Care Fund Established

During his years as chancellor at UMCP, John B. Slaughter strongly supported the Chancellor's Commission on Women's Affairs in its efforts to provide child care.

In honor of his support, the Women's Commission has established the John B. Slaughter Child Care Fund.

"We wanted to honor Dr. Slaughter for his concern for the campus community," says Elizabeth Platz of the Women's Commission.

A full-day child care program for children of students, faculty and staff on the campus began this fall. The center is operated through the College of Education's Center for Young

Children.

"It's something that I'm very proud of, because it has been long-needed and desired at the University of Maryland," says Slaughter. "I'm very pleased that it came to fruition."

Platz says that the endowment fund hopes to provide for child care over and above the basic needs, including equipment, field experiences and scholarships "for the cases where limited family resources are a barrier to participating in the program."

"The center is very pleased and excited about the endowment fund," says center director Elisa Klein. "This shows a commitment to the ideas and importance of child care."

Currently, the center has 31 children of faculty members, 31 children of staff and 44 children of students.

The waiting list consists of 20 names, but is expected to grow.

"Support for child care is an opportunity to enhance the quality of life on this campus for all of us," says Platz. ■



## Inside

High Tech Clean Room

Next to God?.....2

Concert by New Faculty Artists

Reopening of Tawes Recital Hall.....5

Woman and Engineering

Zaki shows the way.....6



## United Charities Campaign '88 Begins October 24th

Radio and TV personality Johnny Holliday will join UMCP representatives Monday, October 24 from 9-10 a.m. in the Stamp Union Colonial Ballroom to officially kick-off the 1988 United Charities Campaign at College Park. As part of last year's campaign among state employees, UMCP employees helped generate a 17.5% increase over the previous year's donations, one of the best years ever. With over 400 eligible organizations to choose from, it is hoped that the 1988 campaign will increase last year's total by 12.5%. For more information about the campaign, call Carolyn Ent at 454-6533.

### RESEARCH HIGHLIGHTS

## Clean Room is Breeding Ground for New Micro Structures

If, as John Wesley once sermonized, "cleanliness is, indeed, next to godliness," then a small laboratory on the third floor of the Engineering Classroom Building may be a temple for high technology.

The laboratory is the Dept. of Electrical Engineering's new "clean room," recently opened after a year and a half of construction supported by the Dean of the College of Engineering, the Engineering Research Center and the chairman of the EE department.

The lab is used by scientists to fabricate new microelectronic devices. These tiny devices, transistors and chips are one micron or better in size (some 30 times smaller than the width of a single human hair) and hold great promise for applications in future generations of high speed optical and electronic computers, optical fiber telecommunications and advanced medical technologies, says to assistant electrical engineering professor Agisilaos Iliadis.

"Clean" is the operative word. The laboratory is a sealed environment that must be entered through an air lock. High efficiency filters keep the air in the room rated at Class 100 — 100 particles of dust per cubic foot. (By comparison, a cubic foot of air in the average office, classroom or laboratory contains millions of dust motes and other particulates; the "sterile" environment of the OR of a hospital surgical suite might contain 10,000). The area under a hood above workbenches where the devices are actually fabricated is rated at Class 10. A constant temperature of 72 degrees F. and a humidity of 45 percent is maintained. And water used in the fabrication process is purified by one pre-treatment and five after-treatment filters.

Before entering the clean room, researchers must don non-porous, lint-free jump suits, hoods, boots, and gloves. The white, polyurethane suits are disposed of after use.

Iliadis calls the new lab "a badly needed facility." Its state-of-the-art



Agisilaos Iliadis in the clean room.

equipment makes possible research on novel working devices — artificially structured materials, semi-conductor materials engineered from growth to provide better performance.

"We wanted to move into really novel micro-electronic research, to carry out investigation into micron and sub micron structures that hold great promise for giving better performance than silicon and allow the study of new, quantum-sized phenomena," Iliadis says. "The University is moving aggressively in this area. We are looking forward to the possibility of eventually establishing further industrial partnerships with Maryland companies."

The artificially structured semiconductor materials are put into a photoresist spinner, a kind of centrifuge, to be coated with a thin layer of photo-sensitive emulsion, commonly known as photoresist, much the same way photographic films are made.

The samples are then baked for a few minutes and exposed to ultraviolet light through a mask held in contact with the photoresist. This is

done in a mask aligner in the same way photographic contact prints are made.

The samples are then developed and metal films are deposited in a vacuum system on the exposed and photoresist covered surface. A lift-off technique is then used to remove the unexposed areas, thus leaving the imprinted circuit of the device on the chip. A marble-topped table, several inches thick and floating on air bags, is used to ensure the mask aligner is absolutely stable and minimize any vibration to achieve such small dimensions. Gold wires are then bonded to the metal pads to make a working device through which current can flow.

A native of Greece, Iliadis holds a Ph.D. degree from the University of Manchester (England) Institute of Science and Technology. He is a specialist in semiconductor materials and device research and this year is teaching courses in compound semiconductor technology and the fundamentals of solid state electronics. ■

—Tom Otwell

## Survey Indicates that Parents Lack Awareness of Teen Drinking

Parents significantly lack awareness of teen drinking habits and deny their own teen's involvement with alcohol, suggests a recent survey by UMCP associate professor Kenneth Beck.

Beck, who is director of research for the Safety Education Center of the Department of Health Education, conducted the random telephone survey in Bowie, Md., to examine parents' perceptions of teenage drinking and driving.

His results indicate that while most

parents viewed teen drinking (69 percent) and drinking and driving (65 percent) to be prevalent, relatively few parents have tried to influence their own teen's habits.

For example, 32 percent of the parents said they never discuss drinking and driving with their children, and more than 66 percent said they never consult with other parents about how to talk to their teenagers nor have any interest in doing so. Although slightly more than half said they had family policies concerning alcohol use, less than 20 percent said there were penalties for violating these policies.

Beck also found that parents of teenagers appear far more likely to think that their teen's friends drink and drive (36 percent) than they are to think that their own teen drinks and drives (10 percent). More than 70 percent of the parents did express a willingness to watch a special television show about how parents can talk to their children about alcohol. "Not a lot is known about how parents deal with teenage drinking and driving," Beck explains. "This study quantifies what people had suspected for a while—that parents lack awareness of teen drinking and driving, deny their own teen's involvement, and rarely consult outside sources for solutions to the problem of teen alcohol use."

A total of 808 completed interviews were conducted, representing about two percent of the population in the Bowie community. ■

## OUTLOOK

Outlook is the weekly faculty-staff newspaper serving the College Park campus community.

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Letters to the editor, story suggestions, campus information & calendar items are welcome. Please submit all material at least three weeks before the Monday of publication. Send it to Roz Hiebert, Editor Outlook, 2101 Turner Building, through campus mail or to The University of Maryland, College Park, MD 20742. Our telephone number is (301) 454-5335.



## Grants Will Help Linguistics Research

Researchers in linguistics will work this year with two National Science Foundation grants totaling \$315,000.

David Lightfoot, professor and chair of linguistics, and Norbert Hornstein, associate professor of linguistics, have received a \$200,000 for research in verb movement. The scholars will study how the position of verbs in sentences varies among different languages in an effort to learn more about language development in children.

Lightfoot and Hornstein are working from the premise that, at some level, there is a genetic component responsible for the ability of humans to acquire language easily.

Because the construction of languages is often quite different, studying a varying part of sentence structure such as verb placement can be instructive, Lightfoot says. By unraveling information about where the differences begin to occur, the scholars can learn more about the apparent genetic component that furthers language development.

John Keegan, research associate in linguistics, will use a \$115,000 grant to study the MBAY language of Chad. He will record usage of this little-studied language in an effort to develop a written grammar for MBAY. ■



## Nominations Sought for Distinguished Scholars

Nominations are now being sought for 1989-1990 UMCP Distinguished Scholar-Teachers. This program gives the campus an opportunity to recognize outstanding faculty members who have translated their scholarship into successful classroom teaching. The selection committee will select up to five professors who will have the opportunity to devote a full academic year to teaching, research and related study. These people should exhibit the broad-ranging scholarship and inspiring teaching that characterize the finest instruction on the College Park campus.

Nominations should be in the form of a letter briefly stating the nominee's qualifications and should be accompanied by a current curriculum vitae.

Criteria for selection will include distinction as a teacher, achievement as a scholar, and the imaginativeness, academic soundness and intellectual range of the proposed courses. Nominations should be sent by October 28 to Kathryn Mohrman, Dean for Undergraduate Studies, room 1115 Hornbake Library, x6231.

## Enhancing the Undergraduate Experience at College Park

Kathryn Mohrman, Dean for Undergraduate Studies, delivered the keynote address at the Fifth Annual Faculty and Associate Staff Convocation Thursday, Oct. 6 in Memorial Chapel. The following are excerpts of her remarks.

I've heard the word "excellence" a great deal since I arrived on campus. Many people point to rising SAT scores and the proportion of black students in the freshman class as indicators of excellence; some people point to the success of our students in gaining admittance into the top graduate and professional schools and in launching productive careers. These input and output measures are good ways of measuring the quality of the undergraduate program. They also make sense to parents and legislators and taxpayers in the state.

But I want to focus today on excellence in what happens between the time those increasingly bright freshmen come here and the time they leave us with baccalaureate degrees. I want to focus on what happens while they are students at College Park.

We could devise many different standards of excellence but I have chosen six to talk about today. These are qualitative measures of excellence, not quantitative measures such as SAT scores, so they are harder to measure. They are vital, however, for enhancing the undergraduate experience at College Park.

### Excellence means coherence in the curriculum.

The Pease committee just spent two years grappling with this issue. The report presents, not just a collection of requirements, but the curricular embodiment of our best hopes and dreams for our students.

These lofty goals will not be achieved by accident and they certainly won't be realized just by the passage of the Pease Report last spring. Now the hard work begins. We need to offer courses in every department that develop these intellectual skills in addition to transmitting subject matter. That means giving attention to how we teach as well as what we teach.

Achieving these goals also means better advising, so that students themselves think of their education as a coherent whole, not just a collection of courses that meet requirements or fill up holes in their schedules.

Another way to address coherence in the curriculum is the structure of the major. A number of departments on campus are looking at their offerings to encourage integration, incorporate new scholarship, provide a capstone experience, and make the major more meaningful to students.



Kathryn Mohrman

Coherence also comes from courses that explicitly address intellectual links across disciplines.

My first measure of excellence — coherence in the curriculum — is one that this campus has already embraced through the Pease Report. Now we must commit ourselves to making it a reality, through better advising, stronger courses, new teaching methods, restructured majors, and serious cooperative efforts across departments and colleges.

### Excellence means recognition of the human diversity that exists on this campus.

The stereotypical college freshman is no longer the average undergraduate at College Park; we now have many Blacks, Latinos, Asians, women, older and part-time students, and retired people in our student body. The university mirrors the variety that now exists in the

state and the nation. We know that we will become even more diverse in the future.

Higher education in general, and College Park specifically, should take a leadership role in creating an environment that enriches all of its members. Higher education has been guilty at times of reacting to social reality rather than leading. Now College Park has a special opportunity because of our proximity to the ethnic and cultural richness of the nation's capital, the strong women's community in the metropolitan area, and the appeal of this region to Asian and Hispanic immigrants. This university can serve the state and become stronger in the process.

Recognition of diversity does not mean lower standards or scorn for western culture. Rather it challenges us all to a higher standard — to understand the western tradition and

the history and cultures of others; to evaluate the credentials of prospective members of the College Park community in ways that recognize achievement in many different settings; to give many people a chance to bring their perspectives to the campus but to expect all of them to achieve a high level of performance before we certify them as graduates or permanent members of the faculty. A great university requires the contributions of all members of the community.

### Excellence means strong links between the classroom and the extracurricular experiences of students.

For many of us, the fondest memories of our college days are extracurricular experiences — writing for the student newspaper, playing on a varsity team, or working on a successful campaign for student government. The goals that the Pease committee sets for our students do not depend upon coursework alone; undergraduates should develop analytical and problem-solving skills in campus activities as well as the classroom. It is important that students see their lives as integrated. Their out-of-classroom experiences should not be devoid of educational stimulation or, even worse, be anti-intellectual. A university fundamentally is a community devoted to the life of the mind and that special quality should be reflected in all aspects of campus life, not just the classroom or the laboratory.

The integration of academic and extra-curricular experiences depends heavily on the assistant deans and counselors and coaches and librarians and directors of support units, the unsung heroes of this campus who touch students' lives on a daily basis. The university should do more to reward these individuals. We should

*continued on page 7*

## Responses to Honors Report Sought

"October is the month for responding to the draft report on Honors," according to Nelson Markley, chairperson of the committee on Undergraduate Honors. To get as wide a response as possible, copies of the report have been sent across campus and are available from the Office of Undergraduate Studies (115 Hornbake, x2530). Written response should be sent directly to Markley, 3207 Math Building.

Two information and response meetings for departmental chairs and honors directors have been scheduled for Thursday, Oct. 20 and Monday, Oct. 24. Both will be held in Room 1243 Zoo-Psych Building at 3:15 p.m.

Members of the committee will be present to answer questions.

In addition a campus-wide public forum is planned for Wednesday, Nov. 2 from 3-5 p.m. in Room 1243 Zoo-Psych. Jointly sponsored by Phi Beta Kappa and the Office for Undergraduate Studies, the forum will feature statements from the committees on Undergraduate Honors and General Honors and the opportunity for remarks from the audience. For information about the forum call Denny Gulick, x3303.

General questions about the report or the process of submitting responses should be directed to Susan Koonce, x2530. ■

## Workshop Set on "Valuation"

The Michael D. Dingman Center for Entrepreneurship at the College of Business and Management will offer a workshop on "valuation" Thurs., Oct. 27. The workshop will review four different perspectives for valuing a start-up technology firm.

The workshop, "Valuing a Growth Business," is co-sponsored by the Technology Advancement Program of the UM Engineering Research Center and Price Waterhouse.

It will be held at the Holiday Inn Calverton and costs \$30. Jerry Feigen, director of external programs for the Dingman Center will moderate the workshop. ■



# Calendar

October 17 - 26

## University Community Concerts Features String Quartets

If you love string quartet music, then the next two University Community Concerts are for you. On Saturday, October 29, the Cleveland Quartet will perform Bartok's Quartets, No. 1, Op. 7, No. 6 and No. 4 for the first of its two concerts this season. Then on Sunday, November 6, The Aurny Quartet and Baritone Sanford Sylvan will perform Samuel Barber's composition of "Dover Beach" for Baritone and String Quartet, Op. 3. Both performances are at 8 p.m. in the Center of Adult Education. For more information, call 454-6534.

17 MON

**President's Commission on Women's Affairs Meeting**, noon, 2105 Main Administration Bldg. Call x6668 for info.

**Women's Issues in Mental Health Lecture**: "Choosing to Heal: Issues for Victims of Violent Crime," Elizabeth Blocker, LCSW, noon, 1143 Stamp Union. Call x4925 for info.

**International Affairs Lecture**: "International Negotiations about Afghanistan and Paths Suggested for Neutralization," Audrey Kurth Cronin, noon, Maryland Room, Marie Mount Hall. Call x3008 for info.

**Computer Science Colloquium**: "Cache Memories," Alan Smith, U. of California, Berkeley, 4 p.m., 0111 Classroom Bldg. Call x4244 for info.

**Space Physics Seminar**: "Surface Waves on a Plasma-Plasma Boundary," Vladimir Cadez, Institute of Physics, Yugoslavia, 4:30 p.m., 1113 Computer & Space Science Bldg. Call x3501 for info.

**Science and Technology in Society Lecture**: "No Innovation without Representation: Public Control of Science and Technology," Steven L. Goldman, Lehigh U., 3-5 p.m., 2203 Art/Sociology Bldg. Call x8862 for info.

18 TUE

**Faculty Music Recital**: vocalist Dominic Cossa, accompanied by Robert McCoy, and pianist Thomas Schumacher will perform works by Donizetti, Verdi, Chopin and Beethoven, 12:30 p.m., Tawes Recital Hall. Call x6669 for info.

**CIDCM Lecture**: "The Sadat Years: Reflections of a First Lady," Jehan Sadat, 4:15 p.m., 2205 LeFrak Hall. Call x7615 for info.

**UM Symphonic Wind Ensemble Concert**: performing works of Strauss, Poulenc and Gounod, 8 p.m., Center of Adult Education. Call x6803 for info.

**University Theatre Performance**: "An Older Sister, Burning Like A Flame . . .," 8 p.m., Oct. 18-22 & 25-29, 2 p.m., Oct. 23 & 30, Tawes Theatre, \$7 and \$5.50. Call x2201 for info.

19 WED

**Employee Development Seminar**: "Overview of Administrative Computing, Communications, and Transportation," 9 a.m.-noon, 0109 Center of Adult Education, Registration Deadline: Oct. 12. Call x4811 for info.

**Counseling Center Brown Bag Lecture**: "Variables in the Formula for Predicting Retention," Roger McIntire, noon, 0106 Shoemaker Bldg. Call x2932 for info.

**General Relativity Seminar**: "Gravitational Shielding of Test Masses by a Schwarzschild Mass Shell," Herbert Pfister, U. of Tübingen, 1:30 p.m., 1304 Physics Bldg. Call x3501 for info.

**Public Health Lecture**: "AIDS in the Year 2000," John Platt, Futurist, Cambridge, Massachusetts, 4 p.m., 1208 Zoo-Psych. Bldg. Call x3202 for info.

**Dynamical Systems and Accelerator Theory**: "High Frequency Behavior of Coupling Impedance," Robert Gluckstern, 4 p.m., 1221 Physics Bldg. Call x3501 for info.

**High Energy Seminar**: "A New Experimental Limit on Small Violation of the Pauli Principle," Erik Ramberg, 4 p.m., 4220 Physics Bldg. Call x3501 for info.

**Astronomy Colloquium**: "Helioseismic Probes of the Solar Magnetic Fields," Ellen Zweibel, U. of Chicago, 4 p.m., 1113 Computer & Space Science Bldg. Call x5969 for info.

**Architecture Lecture**: Title TBA Luis Trelles, Trelles Architects, Miami, 7:30 p.m., Architecture Auditorium. Call x3427 for info.

**History Seminar**: "Abundance of Blood . . . Shed on Both Sides: England's First Indian War 1609-1614," J. Frederick Fausz, St. Mary's College, 1104 Stamp Union. Call x2843 for info.

20 THU

**Condensed Matter Seminar**: "Hypernetted Chain Approximation and Quasiparticle Energies in the Fractional Quantized Hall Effect," Herb Fertig, 11 a.m., 1304 Physics Bldg. Call x3501 for info.

**Linguistics Colloquium**: "Prosodic Domains in Wolof Vowel Harmony," Omar Ka, UMBC, 3:30 p.m., Seminar Room Mill Bldg. Call x7770 for info.

**Meteorology Seminar**: "Low Frequency Variations of the Southern Hemisphere Circulation: Structure and Forcing," David Karoly, Princeton U., 3:30 p.m., 2114 Computer & Space Science Bldg. Call x2708 for info.

**CHPS Colloquium**: Title TBA, Itamar Pitowsky, Hebrew U. of Jerusalem, 3:30 p.m., 0126 F. S. Key Hall. Call x2850 for info.

**UMCP Senate General Committee on Staff Affairs Meeting**, Topic: Organization of Staff Constituency, 4 p.m., 3182 A. V. Williams Bldg. Call x7941 for info.

21 FRI

**Published Women's Series Luncheon**, Guy Gullickson, History Dept., noon, Rossborough Inn. Call x3940 for reservations & info.



**Physics Is Phun Lecture-Demonstration**: "The Physics IQ Test," 7 p.m., today and tomorrow, Physics Dept. Lecture Halls. Call x7483 for info.

**Health Center Lunch 'N Learn Conference**: "Biological Studies in Panic," Murray Stein, 1 p.m., 3100 University Health Center. Call x4925 for info.

**Physical Education Convocation**: "Preventing Osteoporosis," Barbara Drinkwater, 2:30 p.m. 1312 PERH Bldg. Call x3254 for info.

**Faculty Guild Fall Reception**, 4 p.m., Marie Mount Hall. Call 864-6875 for info.

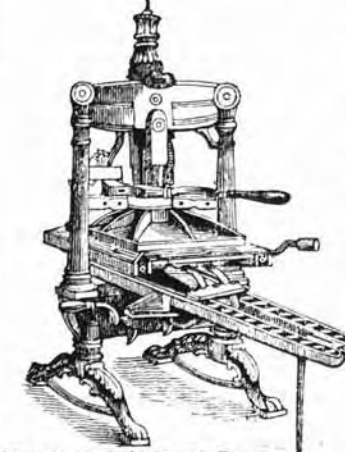
**Indian Creek Wind Quintet**, performing works of Beethoven and Ibert, 4:15 p.m., Colloquium Room, Y3206 Mathematics Bldg. Call x6874 for info.

**Peace and Justice Panel Discussion**: "A Dialogue on Racism," 7 p.m., 1250 Zoo-Psych. Bldg., sponsored by Peace with Justice Week Task Force. Call x2348 for info.

**University Community Concert**: Namsadang: Korean Folk Music, Puppetry & Masked Dance, 8 p.m., Center of Adult Education, \$12 and \$8, pre-concert symposium at 6:30 p.m. Call x6534 for info.

**Astronomy Talk/Slide Show**: "Stellar Evolution," D. M. Zipoy, 9 p.m., Astronomy Observatory, telescope observation, weather permitting. Call x3001 for info.

22 SAT



**Maryland Scholastic Press Association Convention**, 8:30 a.m., Journalism Bldg. Call x6939 for info.

23 SUN



**Pianist Arthur Papazian performs this Sunday, Oct. 23 at 5 p.m. in the Center of Adult Education.**

**University Community Concert**: Pianist Arthur Papazian will perform works of Scarlatti, Beethoven and Schumann, 5 p.m. Center of Adult Education, \$13 and \$11.50. Call x6534 for info.

24 MON

**Zoology Seminar**: "Plant Succession and Herbivory in a Virginia Old Field," Michael Bowers, The Blandy Experimental Farm, noon, 1208 Zoo-Psych. Bldg. Call x3202 for info.

**Housing and Design Lecture**: Title TBA, Alan Gowans, 2 p.m., Maryland Room, Marie Mount Hall. Call x1543 for info.

**Mathematics Student-Faculty Colloquium**: "Groeber Bases (Computer Algebra)," William Adams, 3 p.m., 3206 Mathematics Bldg. Call x3762 for info.

**History Lecture**: "Criminal Law and the Labor Relations in England, 1800-1840," Richard J. Soderlund, 3:30 p.m., 2119 F. S. Key Hall. Call x2843 for info.

**Horticulture Graduate Seminar**: "Temperature Effects on Primary and Secondary Dormancy in Peach and Apple Seeds," Frank Dennis, 4 p.m., 0128b Holzapfel Hall. Call x3606 for info.

**Computer Science Colloquium**: "Demonic Memory: An Efficient Mechanism for Persistent State," Thomas G. Moher, U. of Illinois at Chicago, 4 p.m., 0111 Classroom Bldg. Call x4244 for info.

25 TUE

**Physics Colloquium**: "Pattern Formation: From Electro-Deposition to the Growth of Snow Flakes," Eschel Ben-Jacob, U. of Michigan, 4 p.m., 1410 Physics Bldg. Call x7382 for info.



**Feminism Lecture**: "Gender and Jurisprudence," Robin West, 8 p.m., 2309 Art/Sociology Bldg. Call x3841 for info.

26 WED

**Counseling Center Brown Bag Lecture**: "Cognitive Behavioral Approaches to Treating Couples and Families," Norman Epstein, noon, 0106 Shoemaker Bldg. Call x2932 for info.

**International Security Studies Lecture**: "Ethics and Nuclear Weapons," Bryan Hehir, U.S. Catholic Conference, 12:30-2 p.m., Student Lounge, Morrill Hall. Call x6193 for info.

**Astronomy Colloquium**: "The Early Evolution of the Galaxy," Bruce Carney, UNC, 4 p.m., 1113 Computer & Space Science Bldg. Call x5969 for info.

**University Community Concert**: The Hanover Band, performing works of Haydn, Mozart and Schubert, 8 p.m., Center of Adult Education, \$16.50 and \$14. Call x6534 for info.

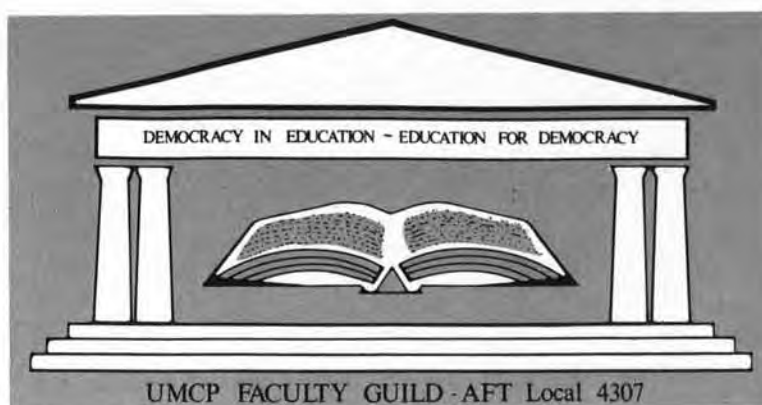
**Faculty Music Recital**: Bassist Harold Robinson, accompanied by pianist Victoria Bernaking and cellist Evelyn Elsing, will perform works of Vivaldi, Dragonetti, Koussevitzky and Rossini, 8 p.m., Tawes Recital Hall. Call x6669 for info.

\*Admission charged for this event. All others are free.



## Faculty Guild to Hold Fall Reception

All faculty members are invited to the UMCP Faculty Guild fall reception Friday, Oct. 21 at 4 p.m. in Marie Mount Hall. Representatives of the Maryland legislature will be special guests at the reception. Among topics to be discussed will be the Hugh Lee tenure case and a proposed 50 percent reduction in dues for new members and for members who bring in new members. The Guild is an affiliate of the American Federation of Teachers and all UMCP faculty members are eligible to join. Calhoun Winton is president of the College Park local. Call 864-6875 for info.



## ARTS AT MARYLAND

# New Faculty Artists to Perform in Renovated Tawes Hall

Outside in the plaza the construction barriers and sand have given way to new emerald green grass and winter-hardy plantings; inside the newly painted mauve concert hall awaits finishing touches. All is in near readiness for the first concert of the 1988-89 Artist Scholarship Benefit coming up on October 22 at 8 p.m. in the newly renovated Tawes Concert Hall.

Grass and paint are not all that is new for this concert. Two of the newest members of the music faculty are to be the featured performers: pianist Anne Koscielnny and violinist Daniel Heifetz, accompanied by faculty member Robert McCoy.

Koscielnny, a Florida native, studied at the Eastman School of Music, the Manhattan School of Music, where she received her master's degree, and the Academy of Music in Vienna as a Fulbright Scholar. The winner of many competitions, she has performed in solo recitals, orchestral programs and chamber music concerts throughout the world. Recitals and master classes have, in addition, taken her to over fifty colleges and univer-



**Daniel Heifetz**

sities. Before coming to College Park, Koscielnny taught as an artist-in-residence at the Taos School of Music in New Mexico and as a member of the piano faculty at the Hartt College of Music, University of Hartford.

Heifetz is a good name for a violinist, and although Daniel Heifetz



**Anne Koscielnny**

is no relation to Jascha, he has in his young career already garnered many music awards and distinctions. Raised in California, at 16 he became a student of the legendary Efrem Zimbalist at the Curtis Institute of Music in Philadelphia. He made his New York orchestral debut at Lincoln Center's

Avery Fisher Hall, performing the Tchaikovsky Violin Concerto with the National Symphony Orchestra. Appearing with leading orchestras around the world, Heifetz is also in international demand as a recitalist as well as a soloist. He has also been featured on major television and radio programs, including a nationwide CBS program on the Art of the Unaccompanied Violin. A recently elected member-at-large of the executive board of the American String Teachers Association, he was a member of the Peabody Conservatory of Music faculty before coming to College Park.

To celebrate the reopening of Tawes Recital Hall Koscielnny has chosen to play Beethoven's Sonata in G Major, Opus 79 and Chopin's Sonata in B Minor, Opus 58. Heifetz will play Vitali's *Ciaccona*, Bach's *Partita in D Minor*, Rachmaninoff's *Vocalise*, and Bartok's *Roumanian Dances*.

Tickets for the gala event are \$10 general admission, \$7 students and senior citizens. Call x6669 for info. ■

—Linda Freeman

## Nicklason Puts Historical Work on Trial

**F**red Nicklason's historical research is as likely to take him to court as an academic conference.

Nicklason, assistant professor of history at UMCP, specializes in the relations between American Indians and the federal government. His work takes him into government archives sorting through the documentation of the history of negotiations and agreements between tribes and the U.S. government.

But Nicklason most often gathers such information for legal briefs and courtroom testimony, not books and papers. In presenting his information, it often is not before a scholarly audience, but to prove a client's position to a judge and jury.

Nicklason practices what is known as "applied history," the use of scholarship for legal, corporate, business or government purposes. The historian works for Indian tribes that are making legal claims over treaty violations, land issues, and such natural resource claims as timber, grazing, oil and gas, mining and water.

Being civil cases, these efforts influence multi-million dollar judgments. In one case his research uncovered a key piece of evidence in a \$115 million judgment that a South Dakota tribe won against the federal government.

Such activities don't settle well with some in the academic community,

Nicklason says. Critics say practitioners of applied history are guilty of such unscholarly behavior as unobjectivity and intellectual dishonesty.

The main arguments against applied history are that academic history is disinterested while applied history is result-oriented and that applied historians face inadequate standards of peer review, he says.

Nicklason argues that applied historians come out of the same academic environment as academic historians and follow the same rules of research. In the courtroom at least, peer review comes through confrontation with experts on the other side of the case.

While a temptation exists to shape facts to fulfill the expectations of a client, such an approach is bad applied history, he says.

"To ignore documents with evidence contradictory to your case ultimately does a disservice to the client. You can't assume the other side is not going to find the same evidence," Nicklason says. "I've written reports that attorneys don't accept and suffered for it."

Nicklason fell into the practice of applied history by accident. He began his career as a 19th century American historian who was knowledgeable in Indian history because he had chosen as his dissertation subject Henry L. Dawes, a key figure in Indian policy.

In the early 1970s, a lawyer representing an Apache tribe asked

Nicklason to write a history of the relationship between his tribe and the federal government. Nicklason took on the case which resulted in a \$7 million award for his client.

Other tribal lawyers began seeking out Nicklason's services until, soon, he was devoting much of his energy to such consulting work. While maintaining contact with academia through his UMCP faculty position and occasional articles in academic journals, in the last 15 years he has worked on cases for more than 30 tribes and served as an expert witness at half a dozen trials.

The most satisfying moment came in a case in which the Sioux sued the federal government, arguing that the government had violated an 1868 treaty promising the tribe rights to the Black Hills in South Dakota. Nicklason presented a document he discovered at the Library of Congress showing that President Grant, in clear violation of the Sioux treaty, had ordered federal soldiers to allow goldminers into the Black Hills.

The tribe was awarded a \$115 million judgment in the case.

"That is probably the only case in which I've found the big smoking gun," he says.

Most recently, he dealt with an extremely complex federal case involving hundreds of documents. In that dispute the Navajo tribe were awarded 2 million acres of land in New Mexico. ■

—Brian Busek



**Fred Nicklason**

AL DANIEGGER



## Scholarships Available for Adult Women

A scholarship fund for adult women is now available through the Returning Students Program of UMCP's Counseling Center, Learning Assistance Service. The funds are provided by the Charlotte W. Newcombe Foundation and are divided among students who fulfill three separate requirements. They must be 25 years old or older, admitted as full or part-time undergraduates at UMCP for Spring 1989 and have completed at least half of the credits needed for their degrees by Oct. 28. Special consideration will be given to women with verifiable financial need and those with disabilities. Deadline for applications is Oct. 28. For more details call Barbara Goldberg or Beverly Breenfeig at 454-6050.

## CLOSE UP

# Kawthar Zaki — Encouraging Women to Enter the Profession of Engineering

**A** framed document bearing Ronald Reagan's signature hangs on the wall of Kawthar Zaki's third floor office in the Engineering Classroom Building.

The document is Zaki's doctoral diploma awarded in 1969 by the University of California at Berkeley when the President was then California's Governor.

Although owning a Reagan autograph is one thing, Zaki has quite another distinction among the faculty members in the Department of Electrical Engineering. She is the first woman in the history of the College of Engineering to have been promoted to the rank of full professor.

Volumes with titles like *Classical Electrodynamics*, *Electronic Circuit Design*, *Microwave Integrated Circuits*, *Antenna Theory*, and 1987 *IEEE MIT International Microwave Symposium Digest* fill Zaki's book shelves.

The Egyptian-born professor who earned her B.S. degree from Ain Shams University in Cairo and M.S. and Ph.D. degrees in electrical engineering from Berkeley, specializes in microwave circuitry and the numerical analysis of electromagnetic fields.

She has been on the UMCP faculty since 1970 when she was a visiting assistant professor of electrical engineering. In 1971 she won the Department's George Corcoran Award

for "significant contributions to electrical engineering education." Zaki also won UMCP graduate research awards in 1972 and 1975, and the Irmgard Flugge-Lotz International Award for outstanding teaching and scholarly endeavors in 1982.

She is a senior member of the IEEE and was elected Eminent Engineer by the University's chapter of Tau Beta Pi in 1974.

Her current research interests include circuit theory and its applications to lumped distributed networks, microwave circuits, computer optimization and analysis of lumped-distributed microwave systems, numerical techniques and their applications for solutions of electromagnetic and optical problems and the analysis, synthesis, design and experimental investigation of microwave and millimeter wave components.

She is the author or co-author of more than 60 articles that have appeared in professional and technical journals and conference proceedings.

At one time or another, Zaki has taught some 24 different courses in the department ranging from Algorithmic Analysis and Computer Programming (ENES 240) to Microwave Engineering (ENEE 780). She also introduced two graduate and one upper level undergraduate courses as well as the development and construction of a teaching-research laboratory in the field of

microwave circuits.

In addition to her teaching and research activities, Zaki continues to be particularly interested in helping to get more women interested in the field of engineering. She delivered a paper on "The Position of Women Engineers in the University" at a symposium on The State of the Woman 1981, at Texas Women's University.

Last year, she and Deborah Goodings (Civil Engineering), Mary Beth James (Electrical Engineering) and Lourdes Salamanca-Young (Chemical-Nuclear Engineering) held a seminar for all junior and senior women undergraduates in the College of Engineering with 3.2 GPAs or better to encourage them to continue their engineering studies in graduate school. The College's Dean George Dieter and Assistant Dean Marilyn Berman also spoke to the group. At least two students planned to pursue graduate work at UMCP, Zaki says.

Although her husband is an engineer at COMSAT and one of her two sons is a junior electrical engineering major at College Park, she says her 16-year-old daughter is not, at least yet, interested in a career in the field.

"The system paints a picture of anti-engineering for most women," she says. "To encourage more women to consider careers in engineering you have got to start in high school."



Kawthar Zaki

Zaki's research has resulted in a patent pending on a high quality dielectric resonator, a filter she has developed that will separate high frequency microwave radio signals. "This research has a lot of practical applications in satellite and space communications and cellular radio," she says. Two Canadian companies have expressed interest in the new filter. Another new area of research interest is automated optical controlled filter tuning. Her research work in dielectric resonators is significant because of the computer simulation programs she has developed to predict the design. From this computer program, Zaki has also developed easy-to-use empirical formulas.

The biggest issue in dielectric resonator technology currently is mode analysis, she believes. The problem most designers face is understanding and controlling spurious modes — those that exist at frequencies close to the operating frequency. At higher frequencies, the separation becomes smaller between different mode frequencies, rendering applications almost impractical.

"Our work," she says, "will enable filter designers to choose a proper dielectric resonator dimension in order to achieve a good spurious mode separation, especially in the hybrid modes." ■

—Tom Ottwell

# Society of Women Engineers — a Support System That Works

Some 140 undergraduate women in the College of Engineering are members of the campus chapter of the Society of Women Engineers. Chartered in 1974, SWE provides a support system for women in a field historically dominated by men.

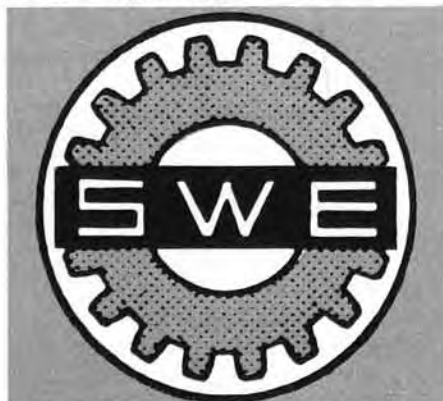
SWE President Shetal Patel, a senior electrical engineering major, says many women are reluctant to think about engineering as a profession.

"Some women are intimidated because it seems to be a very technical field," she says. "Others think it is a real boring field to go into. But there are so many opportunities out there. You don't have to stick with computers. You can go into management, start your own company, or get into patent law."

According to statistics compiled by the Engineering Manpower Commission of the American Association of Engineering Societies, some 57,600 women were enrolled in undergraduate engineering programs at the nation's colleges and universities and 8,557 were in graduate school in 1986. Three years earlier, however, there were 64,659 women engineering undergraduates.

Lourdes Salamanca-Young, assistant professor in the Department of

Chemical and Nuclear Engineering and its Engineering Materials program, holds a Ph.D. degree in physics from the Massachusetts Institute of Technology. Her primary research interest is electron microscopy study of semi-conductors and metallic superlattices. She says some women feel intimidated because there are so many men in engineering.



Of the 3,065 undergraduate students in the UMCP College of Engineering last year, 503 were women.

Although women continue to increase their participation in many of the professional fields including medicine, business, accounting and the law, the rise in levels of women

enrolled in engineering programs that began in the 1970s appears to have stopped and in some cases is declining. Data from the 1987 edition of "Professional Women and Minorities," published by the Commission on Professionals in Science and Technology, indicates that as a percentage of first-year engineering students, women increased from 2 percent in 1970 to 17 percent in 1983. By fall 1986, however, they made up only 15 percent of the freshman class.

Reaching young women while they are still in high school is the most important factor in encouraging more of them to consider the field, Salamanca-Young says. "More people from universities and colleges should go into the high schools to talk to the kids, encourage them to take math and physics courses, and describe what it is like to be in college in engineering, what the job possibilities are after they graduate," she says.

Astrid Lopez, past president of the campus SWE chapter and a senior mechanical engineering major with a particular interest in robotics, agrees.

"Engineering schools should hold conferences and seminars for high school guidance counselors," she says. "Most girls in high school don't

even think about engineering. Guidance counselors never mention it to them as a career choice."

The campus SWE chapter meets four to five times each year. In workshops and seminars members hear presentations from recent graduates and other engineering professionals about opportunities in engineering, graduate school and learn to sharpen their job interviewing and resume writing skills.

Marilyn Berman, associate dean of the College of Engineering and one of the ten original signatories of the 1974 charter, is the chapter's faculty advisor. She says the College is very supportive of SWE and that it will continue to hold seminars and workshops to encourage more women undergraduates to pursue graduate studies in engineering disciplines.

One of SWE's biggest projects this year will be hosting the Society's Mid-Atlantic Regional Conference October 28-30. Some 250 SWE members from 44 schools are expected to attend. Chapter president Shetal Patel anticipates that as many as 45 companies will be recruiting at the conference's job fair. ■

—Tom Ottwell



## Women's Group Honors Schaefer and Polakoff

Governor William Donald Schaefer and Behavioral and Social Sciences Dean Murray Polakoff were honored with a *Good Guys Award* by the Maryland Women's Political Caucus Oct. 8 in Annapolis for their support of women in politics. Schaefer has an outstanding record for appointing women to cabinet-level state agencies and to boards and commissions. Polakoff was honored for his early support of the Maryland Project for Women and Politics, the first academically-sanctioned program to foster women's political participation. The project is directed by Georgia Sorenson, recently elected chair of the state-wide caucus.



Dean Murray E. Polakoff (left) and Governor William Donald Schaefer.

## Mohrman Keynotes UMCP 1988 Convocation



The fifth annual Faculty and Associate Staff Convocation held Oct. 6 in the Memorial Chapel brought honors to Chancellor's Medalists J. Robert Dorfman and Thomas M. Magoon as well as to five outstanding associate staff members and the five Distinguished Scholar-Teachers for 1988-89.

*continued from page 3*

also provide events of intellectual substance that bring faculty, staff and students together in new ways.

### **Excellence means integration of teaching and research.**

Many faculty members have spoken about the value of returning to the roots of their disciplines through undergraduate teaching. The questions asked by bright but naive students often spark new insights into faculty research problems. A good colleague of mine values his contacts with undergraduates because they get him out of his specialty; the process of helping students develop research papers provides intellectual stimulation across a wide range of topics in his discipline of political science. Another friend said that she uses her seminars to try out all her most outlandish ideas before she subjects them to the criticism of her scholarly peers. And many faculty get up to speed on a new research topic by offering a course in the subject, reading the appropriate literature, and determining the most intriguing research questions with their students as preparation for

writing a grant proposal. In these ways and many others, then, faculty strengthen their research capabilities through their teaching.

Good teaching also makes a lasting contribution to our disciplines. Working with undergraduates is a golden way to communicate the intellectual excitement that led us to become chemists or historians or philosophers. We should help students understand the ways in which our own disciplines connect to other fields of study and show them how our world has been influenced by the discipline. If we can get our students really involved in the study of our fields, not only will we promote the educational goals of the Pease Report of encouraging active learning, but we will convince our students that they, too, can share in the joys of the life of the mind that we as faculty have experienced. Serious attention to undergraduate teaching will assure that the best undergraduates today will become the chemists and historians and philosophers of tomorrow.

### **Excellence means service to others.**

College Park is a land grant university with a mission to serve the state of Maryland. We often interpret that to mean agricultural extension or the incubation of high-tech industry. But service should be a part of all of our lives. After all, our roles as teachers, scholars, administrators, and staff encompass much more than merely enriching ourselves or helping students enter high-paying careers.

There are wonderful examples in this university of individuals engaged in service to others — faculty who collaborate with their high school colleagues on curricular improvements, geology classes that are active in environmental affairs, students who teach English to recent immigrants, staff members who work extra hours to meet with students in the evening, the undergraduates who want to donate points from their meal cards to feed the homeless.

It is often the small examples of service that can make the biggest difference. I think of the professors who see their role as teachers to include caring about their students as individuals beyond the classroom — to serve as mentors, to invite the members of a seminar to their homes, to reinforce undergraduates in their hopes for the future. When we set an example of service, we encourage our students to think of their roles in the community in broader ways.

The university receives support from the taxpayers of Maryland for the betterment of the state. Each of us — faculty, staff, administrators, students — should be conscious of our responsibility to contribute in some way to the betterment of our community. I think of the Biblical injunction: "For everyone to whom much is given, of him shall much be required."

### **Excellence means high expectations of all members of the College Park community.**

Several years ago the *Chronicle of Higher Education* interviewed students at a number of colleges and universities as part of a back-to-school feature. I still remember the quotes from the two College Park undergraduates who said that they didn't have to study very hard here. We all hope that is history now. Especially with our rising admissions standards, we should be pushing our undergraduates to make the most of their college years.

We should also challenge them to become more involved in their own education. The Pease Report talks a great deal about active learning as part of the new general education plan. Smaller classes, of course, will help, but even in large lectures we can structure assignments and activities to engage undergraduates. Students are amazing in their ability to rise to the expectations made of them.

In addressing so many aspects of undergraduate education right now, from admissions to advising, this university is asking its faculty and staff to do more for undergraduates than they have in the past. We need to expect more of ourselves in the classroom and out. In conjunction with these higher expectations, the university must provide real rewards — not just rhetoric — for those who strengthen the undergraduate experience.

I hope you believe, as I do, that excellence means coherence, recognition of diversity, integration of academic and extracurricular experiences, synergy of teaching and research, attention to service, and high expectations.

It is the sum of our individual actions that will do the most to enhance the undergraduate experience at College Park. I look forward to working with all of you in the months and years ahead to make this university a center of excellence. ■



An informal reception on the Chapel lawn following the ceremonies allowed friends and attendees to greet those who had earned convocation honors.



## Physics is Phun

The seventh year of the lecture-demonstration series "Physics is Phun" begins Oct. 20 and 21 in the Physics Department Lecture Halls with "The Physics IQ Test." This audience participation program is free and will allow participants to test their intuition and logic for solving physics brain-teasers. Doors open at 7 p.m. and the program begins at 7:30 p.m. both nights. The series is hosted by Richard E. Berg, physics students and the staff of the Physics Lecture-Demonstration Facility. Other programs in the series will be held in January, March and May 1989. For more information call the Physics Lecture-Demonstration Facility at 454-3520.



## LETTERS TO THE EDITOR

### Dear Editor,

Remarks in the Diamondback and elsewhere on campus regarding the English Department's record on women have become increasingly disturbing. Since the actual record demonstrates unmistakably that the department has been in the forefront in hiring women and advancing feminist studies, I wonder about the effect of those remarks.

I speak with feeling since, two decades ago, I became the first head of English to preside over the appointment and promotion of women to associate and full professorships. I am proud to say that this became a pattern.

The last three of our four heads, including the present one, have been women. The three persons just promoted to full professorships have been women. Last year, the department successfully offered appointments to two of the leading feminist studies specialists in the country, who are women. Women are important in administration throughout the department and in every teaching area. I daresay English has one of the most impressive groups of women professors of any of the departments in

universities with which we compare ourselves.

Our women faculty have been so prominent in the profession over the last decade that four who have left us hold eminent appointments elsewhere, including the presidency of a college (Shirley Kenney), a deanship of humanities (Annette Kolodny), and two very substantially endowed chairs (Marjorie Perloff and Annabel Patterson).

Indeed, the department's superior record in hiring women has been widely if silently (and perhaps insultingly) recognized on campus: a search committee for a dean seemed to take it for granted that the department would cursorily appoint any woman it might recommend. The women faculty in the department argued emphatically and effectively against the department offering a professorship to any but an outstandingly qualified person whatever administrative post she might hold.

I hope that recent Diamondback stories singling out the department will not divert attention from those disciplines which notoriously do not have, and never have had, women holding significant senior assignments

and have never thought to address critically the role of women in their teaching and research. That would surely hurt the ambition to make this campus a major force in our national academic life.

Yours,

Morris Freedman, professor,  
Department of English

### Dear Editor,

Regardless of my schedule, I always take time to read *Outlook*. I was very pleased to see a picture of the Mighty Sound of Maryland Marching Band performing at the New Student Celebration in your September 26, 1988 issue. The Marching Band was a special part of the celebration thanks to their spirited members and director, Rich Sparks.

While it was wonderful to see the New Student Celebration captured in a photograph, I would like to make a correction to the caption. The celebration program is a project of an all-University committee convened by the Vice President for Student Affairs. While the individual staff members of the Stamp Student Union are proud of the role they have played in planning and executing the program, they

are not the primary organizers. Members of the faculty and staff have comprised the planning body for the past two years. The Celebration has also been aided by Dining Services, the Physical Plant, the President's Office, the Marching Band, and countless other individuals and departments who have planned, executed and attended this community event.

Over 3,300 new undergraduate, transfer, graduate students, and members of the faculty and staff joined the picnic on Wednesday, September 7th. Their attendance is a tribute to the work of the entire university community in organizing and hosting the New Student Celebration. Thank you for sharing the event with your readers.

Sincerely yours,

Marsha A. Guenzler, chair,  
New Student Celebration  
Committee

**Thanks for the correction. We hope that more readers will take the time—not only to send corrections, of course,—but to tell us their views, comments, or suggestions. The Editor**

## Call for Amateur Musicians to Join Music Registry

Three UMCP professors have inaugurated a Chamber-Music Players Registry, open to all amateur chamber-music players in the university community.

The registry is designed to make it easier for amateur players to find each other, and to form small ensembles. "Our assumption," says Willard Larkin, associate professor of psychology, "is that there are many on the faculty or staff who play musical instruments but don't know how to find other musicians who would love to join a string quartet, a woodwind ensemble, or play sonatas with piano accompaniment. Our registry will make it easier."

The registry will be compiled and kept up-to-date by volunteers, with encouragement and support from the Department of Music. William L. Montgomery, professor of music and chair of the Instrumental Music Division, says, "the Music Department is very pleased to be able to serve the musical needs of performers in the university family through assisting in such a venture as this. The registry will help to provide an outlet of participation for many artistically inclined faculty and staff members."

Enrollment will be open to anyone in the university or surrounding community, regardless of level of musical skill. Enrollment is free for anyone who joins as a "Charter Member" in 1988.

The registry will list a person's name, musical instrument, telephone, and information about level of proficiency. It will be up to musicians to make their own contacts and form

groups. In some cases, however, such as for finding the right people for a Mozart quintet, the registry may help assemble groups. "But the players themselves will have to do the calling and find their own meeting space," says Dieter Brill, professor of physics and astronomy. Brill, a violinist, is one of the organizers of the registry, along with Alice Mignery, double-bass player, and professor of chemistry, and Willard Larkin, cello player, and associate professor of psychology.

"We hope to develop the registry as a way of getting information to people about special events and chamber-music opportunities. There are many good possibilities for building an active community of amateur players, and we welcome all suggestions," says Mignery.

"The biggest problem for any chamber-music enthusiast," says Larkin, "is to find the other players to round out a musical ensemble. We suspect that there are many amateur musicians on the campus who pass each other every day without mentioning their interest in music. Dieter Brill and I, for example, share certain scientific interests; the biophysics of sensory systems, for one, and the perception of light and sound for another. We've known each other for years in that context. But each time our paths have crossed it's been as physicist and psychologist, not as amateur musicians. A few weeks ago, carrying my cello, I walked into (professor, Department of Music) Emerson Head's class in orchestral repertoire (MUSC 229R), and there, to my complete astonishment and delight, was

Dr. Brill with his violin. This kind of surprise is wonderful, but it would be even better to have some way for amateur musicians to become organized. That's what our registry is designed to do. We hope it will contribute something to the quality of life on this campus."

The first edition of the registry will be published in a few weeks. subsequent editions are planned at intervals

of about six months.

Anyone interested in joining the registry, is invited to contact a member of the organizing committee: Dieter Brill, x7439, Alice Mignery, Chemistry, x4423, Willard Larkin, Psychology, x6390, or send your name and address to the Chamber Music Registry, care of Concert Office, Department of Music. ■

## A Gem of a Gallery



Fariss Samarrai

The Gem and Mineral Gallery, operated by the Department of Geology, celebrates its 5th anniversary October 17. The gallery is open 12:30 to 3:30 Tuesdays and Thursdays and personalized tours can be arranged by appointment. The gallery is now exhibiting a visiting collection of mineralogical assemblages from the Rockville Quarry, including several rare objects. The gallery is located in the Geology Building. Call Linda Welzenbach Curator at x3548.